

Notice of Allowability

Application No.

10/068,779

Examiner

Victor Lesniewski

Applicant(s)

LANDFELDT ET AL.

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 8 September 2006.
2. ☒ The allowed claim(s) is/are 1-23 and 56-60.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

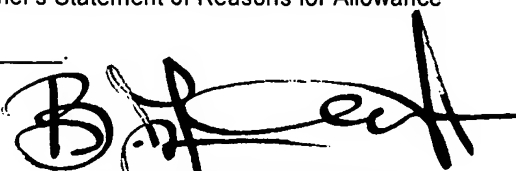
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


BUNJOR JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

ALLOWANCE

1. The amendment filed 9/8/2006 has been placed of record in the file.
2. Claims 1, 5, 6, 14, 15, 17, 20, 21, and 56-59 have been amended.
3. The amendments have been shown to distinguish the claims over the prior art of record.

Thus, the rejections of claims 1-23 and 56-60 under 35 U.S.C. 103(a) have been withdrawn.

4. Claims 1-23 and 56-60 are allowed.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given via telephone by Attorney Sidney Weatherford, Reg. No. 45602, on 11/15/2006.

The application has been amended as follows:

In the claims:

In claim 1, line 16, before "network service points", please remove "the".

In claim 1, line 20, before "characteristics required for communicating", please remove "the".

In claim 5, line 3, please replace “responsive to the request of sending from the server side to the PEE server” with --responsive to the step of sending the request from the server side to the PEE server, the request being--.

In claim 6, line 6, please replace “coupled” with --coupling--.

In claim 15, line 5, please remove “servers”.

In claim 17, line 14, before “network service points”, please remove “the”.

In claim 17, line 19, before “characteristics required for communicating”, please remove “the”.

In claim 19, line 4, after “for installing the requested specific proxy”, please insert ---.

In claim 21, line 4, please replace “coupled” with --coupling--.

In claim 23, line 1, after “Claim 17”, please insert --, wherein--.

In claim 23, line 2, please replace “including” with --includes--.

Allowable Subject Matter

6. The following is an examiner’s statement of reasons for allowance:

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Claim 1 distinguishes itself over the prior art of record by delineating a method of supporting delivery of a data stream from a server to an application that uses the steps of selecting a server, requesting a service, automatically providing a proxy path, coupling a proxy cradle to a proxy chain, performing a proxy operation on the data stream, and dynamically modifying proxy functionality as required. More specifically, claim 1 shows a patentable distinction over the prior art for the novel way in which: the proxy path is provided (utilizing a proxy execution environment with a proxy chain of general purpose proxies), the proxy cradle is utilized, and the proxy functionality or path is automatically and dynamically modified as required during a session. See also the applicant's remarks on pages 10-12 of the amendment filed 9/8/2006. Although prior art systems may exist that utilize proxy chains and perform proxy operations on a data stream between a server and an application, these prior art systems do not support the proxy operations as claimed in the present invention. Furthermore, the prior art gives no indication that it would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to use the proxy functionality as claimed to complete proxy operations on a data stream.

Claim 17 recites limitations similar to claim 1 and is allowed for the reasons given above.

Claims 2-16 are allowed due to their dependence on claim 1.

Claims 18-23 and 56-60 are allowed due to their dependence on claim 17.

Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987.

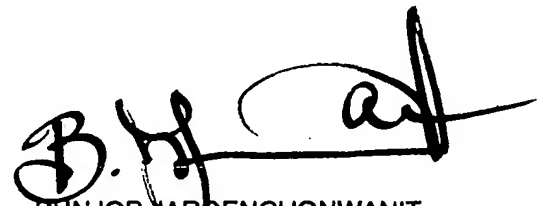
The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Victor Lesniewski
Patent Examiner
Group Art Unit 2152



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